

Substitute Abstract of the Disclosure

The CPP structure magnetoresistive head has a structure such that a first lead line is electrically connected to a lead contact portion attached to a lower shield layer the width of which is either equal to or shorter than the maximum length of the lower shield layer in the track direction, or the height of which is either equal to or shorter than the maximum length of the lower shield layer in the stripe height direction. With the structures above, it is possible to prevent that a bump is generated on the upper shield layer by the first lead line, and that a magnetic domain is formed by the bump, which is a cause of noise generation. Further, it is possible to avoid overlapping between the lead line and the upper shield layer.